



Atty. Dkt. No. 029573-0601

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert Boesel, et al.
Title: FLEXIBLE METHOD AND
APPARATUS FOR
PERFORMING DIGITAL
MODULATION AND
DEMODULATION

Appl. No.: 10/613,853

Filing Date: 7/2/2003

Examiner: Unknown

Art Unit: 2127

Confirmation Number: 9527

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| <p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Lauren Rachel Margolis</u> (Printed Name)</p> <p><u>Lauren Rachel Margolis</u> (Signature)</p> <p><u>5/11/07</u> (Date of Deposit)</p> |
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to

antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English and were cited on a PTO-892 for corresponding U.S. Application 10/613825 filed July 2, 2003.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 50-0872.

Respectfully submitted,

Date May 10, 2007

FOLEY & LARDNER LLP
Customer Number: 30542
Telephone: (858) 847-6735
Facsimile: (858) 792-6773

By Sanjeev Dhand

G. Peter Albert Jr.
Attorney for Applicant
Registration No. 37,268
By Sanjeev Dhand
Registration No. 51,182

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Complete if Known

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|------------------------|------------------|
| Application Number | 10/613,853 |
| Filing Date | 7/2/2003 |
| First Named Inventor | Robert W. BOESEL |
| Art Unit | 2127 |
| Examiner Name | Unknown |
| Attorney Docket Number | 029573-0601 |

(Use as many sheets as necessary)

Sheet of 1

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|--|
| | | Number-Kind Code ² (if known) | | | |
| /B.P./ ↓ | A1 | US 6795489 | 09-21-2004 | Joshi et al. | |
| | A2 | US 6853839 | 02-08-2005 | Usuda et al. | |
| | A3 | US 6985516 | 01-10-2006 | Easton et al. | |
| | A4 | US 2002/0176489 | 11-28-2002 | Sriram et al. | |
| | A5 | US 2004/0165567 | 08-26-2004 | Kim et al. | |

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Application Document | Filing Date of Cited Document MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

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| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
|--------------------|-----------------------|--|----------------|
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| | | | |

**Examiner
Signature**

/Brenda Pham/

**Date
Considered**

06/22/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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